

IN THE CLAIMS

Please amend the claims as follows:

1-3. (canceled).

4. (previously presented) A method to invoice users for information accessed using a communication network, comprising:

placing a first location in communication with a remote second location;

transferring designated information having at least one associated cost from the second location to the first location, wherein the transfer occurs prior to payment of the at least one associated cost being made for the information;

debiting the first location for the selected information after the selected information is transferred;

recording associated costs at the first location;

communicating recorded associated costs from the first location to a invoice location;

communicating a debit charge from the second location to the invoicing location after the selected information is transferred;

comparing the recorded debits from the first location with the debits charges from the second location;

generating an invoice; and

communicating the invoice to a party responsible for satisfaction of the invoice.

5. (currently amended) The method in accordance with claim 4, wherein at least the first location is a wireless mobile communication device.

6. (original) The method in accordance with claim 5, wherein the communication between the first location and the second location is routed via the Internet.
7. (original) The method in accordance with claim 6, wherein the at least one associated cost comprises an information access debit and an each-use debit.
8. (previously presented) A method to invoice users for information accessed using a communication network, comprising:
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- placing a first location in communication with a remote second location;
 - loading a copy of designated information to the first location from the second location;
 - using the copy of the designated information at the first location; and
 - charging a debit to the first location each instance the copy is used, independently of the amount of time used.
9. (original) The method in accordance with claim 8, further comprising:
- storing the charges for each debit at the first location; and
 - transferring the charges to an invoicing location from the first location.
10. (original) The method in accordance with claim 9, further comprising:
- charging a first debit to the first location for the copy of the designated information after the designated information has been downloaded.
11. (currently amended) The method in accordance with claim 10, wherein at least the first location is a wireless mobile communication device.
12. (original) The method in accordance with claim 11, wherein the second location is accessed via the Internet.

13. (original) The method in accordance with claim 12, wherein the selected information is an application program.

14. (previously presented) A method to invoice users for information accessed using a communication network, comprising:

placing a first location in communication with a second location, wherein the placing of the first location in communication with the second location has at least one associated cost;

B¹ loading a copy of designated information to the first location from the second location, wherein the loading of the copy from the second location to the first location has another at least one associated cost;

using the loaded copy of the designated information;

charging a debit to the first location each instance the copy is used at the first location, independently of the amount of time used;

storing all associated costs at the first location;

communicating all associated costs from the first location to an invoicing location;

generating an invoice; and

communicating the invoice to a party responsible for satisfaction of the invoice.

15. (original) The method in accordance with claim 14, wherein the another at least one associated cost is zero, wherein using the copy of the designated information has an each-use associated cost, and wherein the each-use associated cost is incurred each time the designated information is used.

16. (original) The method in accordance with claim 15, wherein the copy of the designated information is used at the first location.

17-19. (canceled).

20. (previously presented) A digital signal processing apparatus to invoice users for information accessed using a communication network, comprising:

a digital signal processing unit accessible to a communications system:

a storage unit containing data communicatively coupled to the processing unit for

establishing predetermined operational characteristics of the apparatus by:

placing a first location in communication with a remote second location;

B¹ transferring designated information having at least one associated cost from the second location to the first location, wherein the transfer occurs prior to payment of the at least one associated cost being made for the information; and

debiting the first location for the selected information after the selected information is transferred,

wherein establishing the predetermined operational characteristics comprises recording associated costs at the first location, communicating recorded associated costs from the first location to an invoicing location, communicating a debit from the second location to the invoicing location after the selected information is transferred, comparing the recorded debits from the first location with the recorded debits from the second location, generating an invoice, and communicating the invoice to a party responsible for satisfaction of the invoice.

21-28. (canceled).

29. (previously presented) An apparatus to invoice users for information accessed using a communication network, comprising:

means for placing a first location in communication with a remote second location;

means for loading a copy of designated information to the first location from the second location;

means for using the copy of the designated information at the first location; and

means for charging a debit to the first location each time the copy is used.

30. (previously presented) A computer readable medium containing computer readable instructions that when executed perform a method to invoice users for information accessed using a communication, comprising the steps of:

B¹ placing a first location in communication with a remote second location;

loading a copy of designated information to the first location from the second location;

using the copy of the designated information at the first location; and

charging a debit to the first location each time the copy is used.

31. (New) A system for invoicing users of mobile wireless mobile devices comprising:

a wireless network;

a wireless mobile device connected to the wireless network and configured to receive software over the wireless network;

a resource center connected to the wireless network and configured to provide the software to the wireless mobile device over the wireless network; and

a billing server connected to the wireless network and configured to receive a debit corresponding to execution of the software on the wireless mobile device wherein the billing server is configured to generate an invoice for the wireless mobile device.

32. (New) The system of claim 31 wherein the debit is based on usage of the software after expiration of a usage period.

33. (New) The system of claim 31 wherein the debit is based on detecting execution of the software.

34. (New) The system of claim 31 wherein the debit is based on detecting multiple executions of the software.

35. (New) The system of claim 31 wherein the debit is not based on the downloading of the software to the wireless mobile device.

36. (New) The system of claim 31 wherein the debit is based on downloading the software to the wireless mobile device.

37. (New) The system of claim 31 wherein the debit is generated at the wireless mobile device.

38. (New) The system of claim 37 wherein the debit is transmitted from the wireless mobile device to the billing server.

39. (New) The system of claim 31 wherein the debit is transmitted to the billing server during an off-peak period of the wireless network.

40. (New) The system of claim 31 wherein the debit generated remotely from the wireless mobile device.

41. (New) The system of claim 31 wherein the resource center is located remotely from the billing server.

42. (New) The system of claim 31 wherein the billing server is located at a wireless service provider and the resource center is located remotely from the wireless service provider.

43. (New) The system of claim 31 wherein the billing server is located at a wireless service provider and the resource center is located across a plurality of software supplier servers.

44. (New) The system of claim 31 wherein the software has a plurality of contributing parties wherein the billing server determines corresponding separate amounts for distribution to each of the contributing parties.

45. (New) The system of claim 31 further comprising a second wireless mobile device connected to the wireless network and configured to receive software over the wireless network wherein the loading of the software on the second wireless does not have a separate debit apart from the debit received at the billing server.

46. (New) A wireless mobile device capable of downloading and executing software comprising:

an application program interface to interact with downloaded application software;

a processor for executing the downloaded application software; and

memory for storing the downloaded application software;

wherein the application program interface is operable to store a debit in the memory in response to the detection of interaction between the wireless mobile device and the downloaded application software;

wherein the debit is used to generate an invoice for the wireless mobile device; and

wherein the debit includes data identifying a contributing party and a software fee associated with the interaction.

47. (New) The wireless mobile device of claim 46 wherein the interaction includes at least one of the following: the use of the downloaded application software and access to the downloaded application software.

48. (New) The wireless mobile device of claim 46 wherein the debit further includes a second software fee associated with the interaction of the downloaded application software with a second wireless mobile device.

B1 49. (New) The wireless mobile device of claim 46 further comprising a timer wherein the application program interface is operable to interact with the timer to transmit debit over a wireless network during off-peak periods of the wireless network.

50. (New) The wireless mobile device of claim 46 further comprising a counter operable to count the number of interactions between the wireless mobile device and the downloaded application software wherein the debit is generated only after the counter reaches a certain value.

51. (New) A billing server comprising:

memory for storing billing server code; and

a processor for executing the billing server code;

wherein the billing server code is operable to receive a debit generated from interaction between a wireless mobile device and software on a wireless mobile device, the software having been received at the wireless mobile device over wireless network, wherein the debit includes information capable of identifying a software contributing party and a debit amount;

wherein the billing server code is operable to generate an invoice for with the wireless mobile device based on the debit information; and

wherein the billing server code is operable to generate a payment for the contributing party based on the debit information.

52. (New) The billing server of claim 51 wherein the debit is received from the wireless mobile device.

53. (New) The billing server of claim 51 wherein the debit is received from a remote server.

54. (New) A software supplier server comprising:

a resource center containing software application programs;

memory containing software supplier server code; and

a processor for executing the software supplier server code;

wherein the software supplier server code is operable to generate a debit based on the interaction between a wireless mobile device and the resource center;

wherein the debit is used to generate an invoice for the wireless mobile device;

wherein the debit includes information including a debit amount; and

wherein the software supplier server code is operable to send the debit to a billing server.

55. (New) The software supplier server of claim 54 wherein the interaction between the wireless mobile device and the resource center is a software download.

56. (New) The software supplier server of claim 55 wherein the software download includes at least one of: clip-art, files, data, application programs and multimedia.

57. (New) A method comprising the steps of:

detecting, at a wireless mobile device, the interaction between the wireless mobile device and application software wherein the application software was downloaded to the wireless mobile device over a wireless network;

generating, at the wireless mobile device, and in response to detecting the interaction between the wireless mobile device and the application software, a debit, wherein the debit is used to generate an invoice for the wireless mobile device, and wherein the debit includes data identifying a contributing party and a software fee associated with the application software; and transmitting the debit to a billing server over the wireless network.

58. (New) The method of claim 0 further comprising the step of delaying the transmission of the debit until an off-peak period of the wireless network.

59. (New) The method of claim 0 further comprising the step of delaying the generating of the debit until multiple interactions between the wireless mobile device and application software are detected.

60. (New) A method comprising the steps of:

receiving, at a billing server, a debit reflecting the interaction between a wireless mobile device and application software, the application software having been received at the wireless mobile device over a wireless network, wherein debit is used to generate an invoice for the wireless mobile device, and wherein the debit includes information capable of identifying a software contributing party and a debit amount; and

generating, an invoice for the wireless mobile device based on the debit information.

61. (New) The method of claim 60 further comprising the step of generating a payment for the contributing party based on the debit information.
62. (New) The method of claim 60 wherein the debit is received from the wireless mobile device.
63. (New) The method of claim 60 wherein the debit is received from a remote server.
64. (New) A method comprising the steps of:
detecting, at a software supplier server, interaction between a wireless mobile device and the supplier server;
B' generating, at the software supplier server, and in response to detecting the interaction between the wireless mobile device and the software supplier server, a debit, wherein debit is used to generate an invoice for the wireless mobile device, and wherein the debit includes a software fee associated with the interaction; and
transmitting the debit to a billing server over the wireless network.
65. (New) The software supplier server of claim 64 wherein the interaction between the wireless mobile device and the software supplier server is a software download.
66. (New) The software supplier server of claim 65 wherein the software download includes at least one of: clip-art, files, data, application programs and multimedia.
67. (New) A computer readable medium containing computer readable instructions that when executed perform a method comprising the steps of:

detecting, at a wireless mobile device, the interaction between the wireless mobile device and application software wherein the application software was downloaded to the wireless mobile device over a wireless network;

generating, at the wireless mobile device, and in response to detecting the interaction between the wireless mobile device and the application software, a debit, wherein the debit is used to generate an invoice for the wireless mobile device, and wherein the debit includes data identifying a contributing party and a software fee associated with the application software; and transmitting the debit to a billing server over the wireless network.

31 68. (New) A computer readable medium containing computer readable instructions that when executed perform a method comprising the steps of:

receiving, at a billing server, a debit reflecting the interaction between a wireless mobile device and application software, the application software having been received at the wireless mobile device over a wireless network, wherein debit is used to generate an invoice for the wireless mobile device, and wherein the debit includes information capable of identifying a software contributing party and a debit amount; and

generating, an invoice for the wireless mobile device based on the debit information.

69. (New) A computer readable medium containing computer readable instructions that when executed perform a method comprising the steps of:

detecting, at a software supplier server, interaction between a wireless mobile device and the supplier server;

generating, at the software supplier server, and in response to detecting the interaction between the wireless mobile device and the software supplier server, a debit, wherein debit is

used to generate an invoice for the wireless mobile device, and wherein the debit includes a software fee associated with the interaction; and

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transmitting the debit to a billing server over the wireless network.
